| Inde | ex of | Clair | ns |
|------|-------|-------|----|
|      |       |       |    |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/526,777              | STEEN ET AL.                            |
| Examiner                | Art Unit                                |
| David D. Le             | 3681                                    |

| X | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| <u> </u> | •  | Date             |          |              |                    |          |  |  |          |               |
|----------|--|------------------|----------|--------------|--------------------|----------|--|--|----------|---------------|
| Cla      |  | <u> </u>         |          | _            | [                  | Date     | e  |  |          | _             |
| Final    | Original   | 12/10/06         |          |              |                    |          |  |  |          |               |
|          | 1  | Х                |          |              |                    |          |  |  |          |               |
|          | 1<br>2<br>3<br>4<br>5  | X<br>X<br>X<br>X |          |              |                    |          |  |  |          |               |
|          | 3  | Х                | <u></u>  | _            |                    |          |  | <u> </u>   |          |               |
|          | 4  | Х                | _        | <u> </u>     | <u> </u>           |          | ļ  | _  | L        |               |
|          | 5  |                  | _        | ļ            |                    |          |  | ļ  | ļ        |               |
|          | 6<br>7   | Х                | -        | -            |                    | -        | -  | ⊢  | <u> </u> | Н             |
|          | /<br>R   | -                | $\vdash$ | ├            | ├                  | ┝        | ⊢  | ┝  | _        | Н             |
| <u> </u> | 9  | -                | -        |              | -                  | -        | <del> </del>                                     | ├─   |          |               |
|          | 10   |                  | $\vdash$ | <del> </del> |                    | <u> </u> | <del> </del>                                     |  | -        |               |
|          | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 |                  | Г        |              |                    | Г        |  |  |          |               |
|          | 12   |                  |          |              |                    |          |  |  |          |               |
|          | 13   |                  |          |              |                    |          | L  |  |          |               |
|          | 14   | Ш                | _        | _            | ļ                  | <u> </u> | <u> </u>   | <u>_</u>   |          | Ш             |
|          | 15   | _                | _        | _            | _                  |          | _  | <u> </u>   |          | _             |
|          | 16   | -                | <u> </u> | <del> </del> | <u> </u>           | <u> </u> | <u> </u>   | <u> </u>   | <u> </u> | Ш             |
|          | 10   | -                | -        |              |                    |          | -  | <u> </u>   | _        | Н             |
| <u> </u> | 10   |                  | <u> </u> |              | <del> </del>       | -        |  | ├  | <u> </u> |               |
| _        | 20   | $\vdash$         |          | $\vdash$     | $\vdash$           | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | Н             |
|          | 21   |                  |          |              |                    |          | <del>                                     </del> | $\vdash$   | $\vdash$ | Н             |
|          | 22   |                  |          |              |                    |          |  | $\vdash$   | Г        | М             |
|          | 20<br>21<br>22<br>23<br>24                                   |                  |          |              |                    |          |  |  |          | $\overline{}$ |
|          | 24   |                  |          |              |                    |          |  |  |          |               |
|          | 25<br>26   |                  |          |              |                    |          |  |  |          |               |
|          | 26   |                  |          |              |                    |          |  | _  |          | Ш             |
|          | 27   |                  |          | _            |                    |          |  | <u> </u>   |          | Ш             |
| ļ        | 28   | _                | _        | ├            |                    | <b>.</b> | <u> </u>   | <u> </u>   | <u> </u> |               |
| -        | 28<br>29<br>30<br>31<br>32                                   |                  |          |              | -                  | -        | _  | ├  |          |               |
| -        | 31   | $\vdash$         |          | _            | -                  |          | -  | <del> </del>                                     |          | Н             |
|          | 32   |                  |          | -            | -                  |          | -  | $\vdash$   |          | Н             |
|          | 33   |                  |          |              |                    |          |  | H  |          |               |
|          | 33<br>34<br>35   |                  |          |              |                    |          |  | ┢  |          |               |
|          | 35   |                  |          |              |                    |          |  |  |          |               |
|          | 36<br>37   |                  |          |              |                    |          |  |  |          |               |
|          | 37   | $\Box$           |          | $\Box$       | Ĺ                  | Ĺ        |  |  | Ĺ        |               |
|          | 38   | _                | L_       | <u> </u>     | <u> </u>           |          |  | <u> </u>   | _        |               |
|          | 39   | <u> </u>         | <u> </u> | <u> </u>     | <u> </u>           | <u> </u> | <u> </u>   | <u> </u>   | <u> </u> |               |
| $\vdash$ | 40<br>41   | -                | <u> </u> | -            |                    | ├        | <u> </u>   | <u> </u>   | <u> </u> |               |
|          | 42   | -                | _        | ├            | ⊢                  | H        | ┝╌   | $\vdash$   |          | Н             |
|          | 43   | $\vdash$         |          | -            | -                  |          | ┢  | <del>                                     </del> | _        | $\vdash$      |
|          | 44   | $\vdash$         |          |              | $\vdash$           | H        | $\vdash$   | $\vdash$   | <u> </u> | Н             |
|          | 45   |                  | _        | $\vdash$     | H                  |          | H  | ┢  | $\vdash$ |               |
|          | 46   |                  |          |              |                    | Г        |  |  |          |               |
|          | 47   |                  |          |              |                    |          |  |  |          |               |
|          | 48   |                  |          |              |                    |          |  |  |          |               |
|          | 49   | L                | _        | _            | $oxedsymbol{oxed}$ | L        |  | L  |          | Ш             |
|          | EΛ   |                  |          |              |                    |          |  |  |          |               |

| Cla         | aim  | Date                                |          |   |  |          |          |              |          |          |
|-------------|--|-------------------------------------|----------|---|--|----------|----------|--------------|----------|----------|
|             |  |                                     |          |   |  |          |          |              |          | П        |
| न           | Original   |                                     |          |   |  |          |          |              |          |          |
| Final       | īġ   |                                     |          |   |  |          |          |              |          |          |
| -           | 0  |                                     |          |   |  |          |          |              |          |          |
| -           | 51   | -                                   | $\vdash$ | -   | ┝  |          |          | -            | -        | Н        |
| <u> </u>    | 52   | H                                   | -        | -   | -  |          |          | -            |          | Н        |
|             | 51<br>52<br>53                                     | ┝                                   | -        | ┝   |  |          |          |              | -        | Н        |
| ├─          | 53   | <u> </u>                            | -        | ⊢   | $\vdash$   |          |          | ⊢            | -        | -        |
|             | 54<br>55<br>56                                     | ├                                   | -        | -   |  |          |          | -            | -        | Н        |
|             | 55   | -                                   | _        | <u> </u>  |  |          |          | _            | -        | -        |
|             | 20   | -                                   | -        |   | -  |          |          |              | -        | -        |
| <u> </u>    | 57   | <u> </u>                            | _        | <u> </u>  | <u> </u>   | _        |          | <u> </u>     | _        | Н        |
|             | 58<br>59   | _                                   | _        | ļ   | _  |          |          | <u> </u>     | <u> </u> | _        |
|             | 59   | <u> </u>                            | <u> </u> | <u> </u>  |  |          |          | ļ            | <u> </u> |          |
| <u> </u>    | 60   | _                                   | <u> </u> | _   | L  |          | _        | <u> </u>     | $\vdash$ |          |
| igsquare    | 61<br>62   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u>  | $oxed{oxed}$                                     | Ш        | <u> </u> | <u> </u>     | _        | Ш        |
| <u> </u>    | 62   | $\vdash$                            |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | Ľ  | Ш        |          |              | $\perp$  | Ш        |
|             | 63<br>64<br>65                                     |                                     | <u> </u> | L   | L_   |          | L        |              | <u></u>  |          |
|             | 64   | $oxedsymbol{oxed}$                  |          | L   |  |          |          |              |          |          |
|             | 65   | L                                   | L        | L   | Ĺ  |          | L        | L            |          |          |
|             | 66<br>67   |                                     |          |   |  |          |          |              |          |          |
|             | 67   |                                     |          |   |  |          |          |              |          |          |
|             | 68   |                                     |          |   |  |          |          |              |          |          |
|             | 69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 |                                     |          |   |  |          |          |              |          |          |
|             | 70   | Г                                   |          |   |  |          |          | Н            | Н        |          |
|             | 71   | H                                   | ┢        | $\vdash$  | H  |          |          | $\vdash$     |          | Н        |
|             | 72   | H                                   | ┢        | _   | $\vdash$   |          |          | $\vdash$     | $\vdash$ | Н        |
| $\vdash$    | 73   | H                                   | $\vdash$ | $\vdash$  | $\vdash$   |          | _        | $\vdash$     |          |          |
| $\vdash$    | 74   | H                                   | $\vdash$ | $\vdash$  |  |          |          | $\vdash$     | H        | Н        |
|             | 75   | H                                   | -        | ┢   | $\vdash$   |          | _        | ┢            |          | Н        |
|             | 76   | Н                                   | $\vdash$ | ┢   | ┝╌   |          | -        | ⊢            | -        | Н        |
| -           | 77   | H                                   | $\vdash$ | ┢   | $\vdash$   |          |          | ┢            | H        | Н        |
| $\vdash$    | 70   | Н                                   | $\vdash$ | $\vdash$  | Н  |          | _        | $\vdash$     | $\vdash$ | -        |
|             | 79   | -                                   | -        | ├   | ├  |          | _        | -            | H        | Н        |
|             | 79   | ├                                   | _        | <u> </u>  |  |          |          | ┝            | -        |          |
|             | 80<br>81   | -                                   | _        | ├   | <u> </u>   |          | _        | ļ            | _        |          |
|             | 81   | L                                   | $\vdash$ | _   | _  |          | <u> </u> | <u> </u>     | $\vdash$ |          |
|             | 82<br>83   |                                     |          | L   |  |          |          | _            |          | Щ        |
|             | 83   | _                                   | <u> </u> | <u> </u>  | <u> </u>   | <u> </u> |          | <u> </u>     |          | Щ        |
|             | 84   | $\vdash$                            |          | $\vdash$  | <u> </u>   | L        | L        |              | _        | Щ        |
|             | 85   | L_                                  |          | <u> </u>  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Ь.       | L        | <u> </u>     | <u> </u> | Ш        |
|             | 86   | <u> </u>                            |          | L_  | oxdot  | Ш        |          | $oxed{oxed}$ | <u> </u> | $\Box$   |
|             | 87   |                                     |          | $ldsymbol{ld}}}}}}$ |  | L        | L        |              | _        |          |
|             | 88   |                                     | <u>_</u> |   |  |          |          |              |          |          |
|             | 88<br>89   |                                     |          |   |  |          |          | L            | Ĺ        |          |
| L           | 90   | L                                   |          | L   |  |          |          |              | L        |          |
|             | 91   | L                                   |          | L   |  |          |          |              |          |          |
|             | 92   |                                     |          |   |  |          |          |              |          |          |
|             | 93   |                                     |          |   |  |          |          |              | _        | П        |
|             | 94   |                                     | Г        | Г   |  |          |          |              |          |          |
|             | 95   |                                     | П        |   | П  |          |          | $\vdash$     |          | П        |
|             | 96   | $\vdash$                            |          | $\vdash$  | $\vdash$   | _        | I        | $\vdash$     | $\vdash$ | Н        |
|             | 97   |                                     | _        | $\vdash$  | <del>                                     </del> |          | _        | Ι-           | $\vdash$ | Н        |
| $\vdash$    | 98   |                                     | $\vdash$ | $\vdash$  | $\vdash$   | Н        | <u> </u> | $\vdash$     | -        |          |
| <del></del> | 90   | -                                   | -        | -   | -  |          |          | -            |          | $\vdash$ |

| Cla         | aim                      |          |          |              | [        | Date   | =            |              |                   |          |
|-------------|--------------------------|----------|----------|--------------|----------|--|--------------|--------------|-------------------|----------|
|             |                          |          |          |              |          |  |              |              |                   |          |
| <del></del> | Original                 |          |          |              |          |  |              |              |                   |          |
| Final       | igi                      |          |          |              |          |  |              |              |                   |          |
| "-          | ō                        |          |          |              |          |  |              |              |                   |          |
| -           |                          |          | _        | _            | _        |  |              | _            |                   | Ш        |
| ļ           | 101<br>102               |          |          | _            |          |  |              | L.           |                   |          |
|             | 102                      |          |          |              |          |  |              |              | _                 | Ш        |
|             | 103                      |          |          |              |          |  |              |              |                   |          |
|             | 103<br>104<br>105        |          |          |              |          |  |              |              |                   |          |
|             | 105                      |          |          |              |          |  |              |              |                   |          |
|             | 106                      |          |          |              |          |  |              |              | Γ                 |          |
|             | 107                      |          |          |              |          |  |              |              |                   |          |
| 1           | 108                      |          |          |              |          |  | _            | _            | $\vdash$          |          |
|             | 109                      |          |          | Г            |          |  | 18           | _            | -                 | _        |
| <b></b>     | 109<br>110               | -        |          | H            |          |  | H            | ┢┈           | ┢                 | -        |
| $\vdash$    | 111                      | _        |          | ┢┈           | _        |  |              | ┝            | ⊢                 | Н        |
| -           | 111<br>112               |          |          | $\vdash$     | -        | -  |              | $\vdash$     | $\vdash$          | $\vdash$ |
| -           | 113                      | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | Ь  | ├            | <del> </del> | <del> </del>      | Н        |
|             | 113                      | <u> </u> | <u> </u> | ⊢            | $\vdash$ | $\vdash$   | <u> </u>     | <u> </u>     | <u> </u>          |          |
|             | 114<br>115               | _        | _        | <u> </u>     | _        | _  | <u> </u>     | <u> </u>     | <u> </u>          | <u> </u> |
|             | 115                      | _        | L.,      | $\vdash$     | _        |  | <u> </u>     | <u> </u>     | <u> </u>          |          |
|             | 116                      | _        | _        | _            |          |  | _            | _            | <u> </u>          | Щ        |
| ļ           | 117<br>118               |          |          | <u> </u>     |          |  |              | _            | <u>_</u>          |          |
| 1           | 118                      |          |          |              |          |  |              | _            | $ldsymbol{f eta}$ | Щ        |
| <u> </u>    | 119                      |          |          |              |          |  |              |              |                   |          |
|             | 120<br>121<br>122<br>123 |          |          | L            |          |  | _            | L            |                   |          |
|             | 121                      |          |          |              |          |  |              |              |                   |          |
|             | 122                      |          |          |              |          |  |              |              |                   |          |
|             | 123                      |          |          |              |          |  |              |              |                   |          |
|             | 124                      |          |          |              |          |  |              |              |                   |          |
|             | 125                      |          |          |              |          |  |              |              |                   |          |
|             | 125<br>126<br>127        |          |          |              |          |  |              | Г            |                   |          |
|             | 127                      |          |          |              | -        |  |              |              |                   |          |
|             | 128<br>129<br>130        |          |          |              |          |  |              |              |                   |          |
|             | 129                      | _        |          |              |          |  |              |              |                   | М        |
|             | 130                      |          |          |              |          |  | Т            | $\vdash$     | _                 |          |
|             | 131                      | _        | $\vdash$ | -            |          |  | _            | $\vdash$     | $\vdash$          |          |
|             | 131<br>132               |          |          | $\vdash$     |          |  |              | $\vdash$     | $\vdash$          |          |
| -           | 133                      | _        | -        | -            | _        |  |              | $\vdash$     | $\vdash$          |          |
|             | 133<br>134               | -        | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$          | $\vdash$ |
|             | 135                      | -        | -        | ┢─           | -        |  | $\vdash$     | $\vdash$     | $\vdash$          | $\vdash$ |
| -           | 136                      | H        | $\vdash$ | $\vdash$     | Н        | -  | -            | $\vdash$     | $\vdash$          | Н        |
| -           | 127                      | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | <del>                                     </del> | <del> </del> | -            | -                 | $\vdash$ |
| -           | 136<br>137<br>138        | -        | $\vdash$ | ┝            | -        | $\vdash$   | -            | ⊢            | -                 | $\vdash$ |
|             | 120                      | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | <u> </u>   | <u> </u>     |              | -                 | Н        |
| -           | 139<br>140               | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$     | -            | <del> </del>      | Н        |
|             |                          | -        | <u> </u> | ├            | -        | <u> </u>   | <del> </del> |              | -                 | $\vdash$ |
| -           | 141                      | -        | -        | -            | -        | -  | -            | -            | -                 | $\vdash$ |
| -           | 142                      | $\vdash$ | <u> </u> | <del> </del> | Н        | -  |              | -            | -                 | $\vdash$ |
| -           | 143                      | <u> </u> | <u> </u> | Ŀ            | $\vdash$ |  | <u> </u>     | -            | <u> </u>          | $\vdash$ |
| <u> </u>    | 144                      | <u> </u> | _        | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>     | $\vdash$          |          |
| <u> </u>    | 145                      | <u> </u> | _        | <del> </del> | $\vdash$ | $\vdash$   | <u> </u>     | <u> </u>     | <u> </u>          | Ь        |
|             | 146                      | $\vdash$ | <u> </u> | $\vdash$     |          |  | <u> </u>     | <u> </u>     | <u> </u>          | Ш        |
|             | 147                      | $\vdash$ | _        | $\vdash$     | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>          | Щ        |
| <u> </u>    | 148                      | L_       | <u> </u> | $\vdash$     | Щ        | <u> </u>   | $\vdash$     |              | <u> </u>          | <u> </u> |
| <u></u>     | 149                      |          | _        | <u> </u>     |          | _  | _            | <u> </u>     | <u> </u>          |          |
| L           | 150                      |          | L        | L            |          |  | L            |              | Ц.                | Ш        |